



CDR Engagement in the Regions

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August 6, 2015

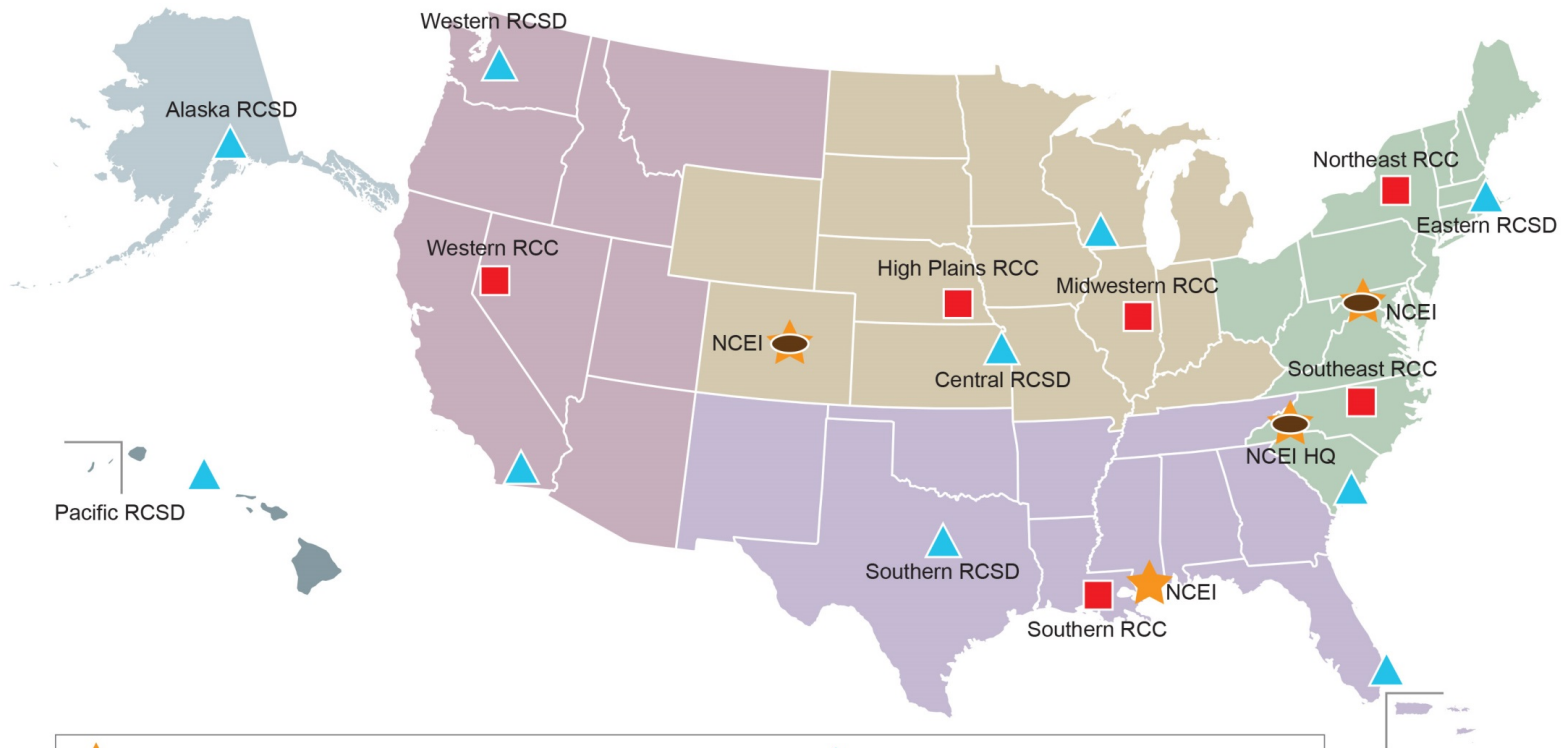
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Regional Climate Services



National Centers for Environmental Information (NCEI)



- ★ National Centers for Environmental Information (NCEI)
 - Asheville, North Carolina
 - Boulder, Colorado
 - Silver Spring, Maryland
 - Stennis, Mississippi

- ▲ NCEI Field Locations
 - Regional Climate Services Directors (RCSD)
- Cooperative Institutes
- Regional Climate Centers (RCC)

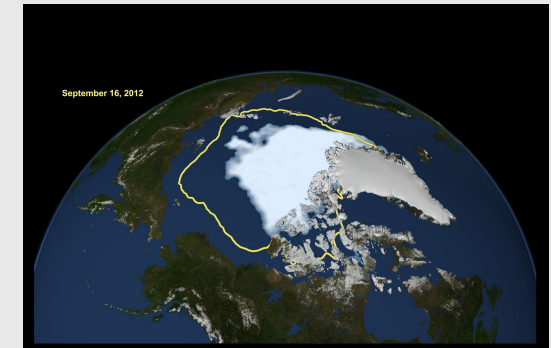
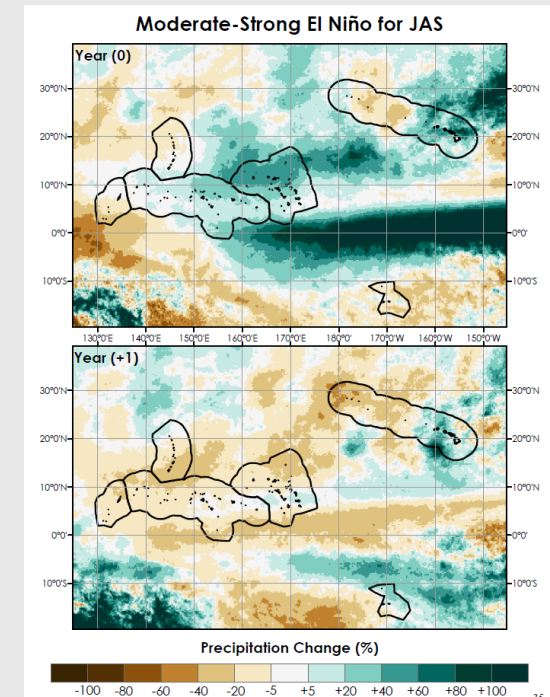
Some CDR Activities in the Regions

Pacific Region

- **PERSIANN:**
 - NASA DEVELOP project to develop ENSO-specific rainfall climatologies
 - CDR-based rainfall atlas
- **CMORPH:**
 - NASA DEVELOP project (2016) to produce ENSO climatologies for variables such as sea-surface height and wind

Alaska Region

- **Sea Ice Concentration:**
 - Alaskan NWS operations
 - University of Alaska – Fairbanks research



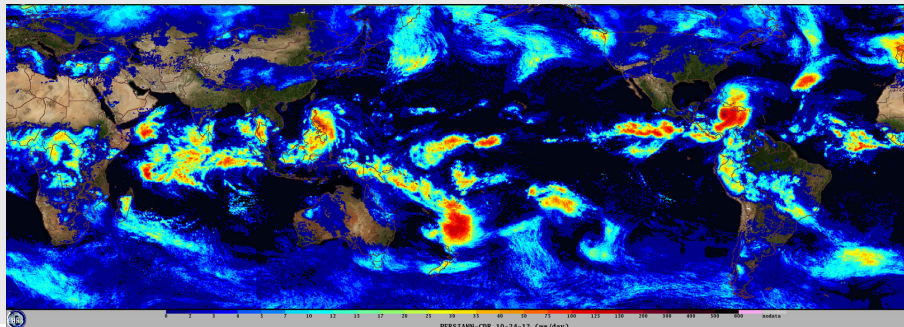
Some CDR Activities in the Regions

Central Region

- **PERSIANN, CMORPH, SMMR, MODIS, GRACE**
 - NASA DEVELOP project to develop runoff maps and runoff estimation models for the Missouri River Basin

Southern Region

- **Emerging CDR application opportunities**
 - Integrated climate and ecological monitoring
 - Gulf of Mexico coastal climate indicators
 - Climate data access in the Caribbean basin





NOAA's National Centers for Environmental Information

**www.ncei.noaa.gov
www.climate.gov**



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